

#### **BROOKE-G2-W**

~50° wide beam compatible with LEDiL HEKLA.

#### **SPECIFICATION:**

Dimensions Ø 45.0 mm
Height 18.9 mm
Fastening socket
ROHS compliant yes ①



#### **MATERIALS:**

ComponentTypeMaterialBROOKE-G2-WReflectorPC

ColourFinishCoatingmetalHMDS

#### **ORDERING INFORMATION:**

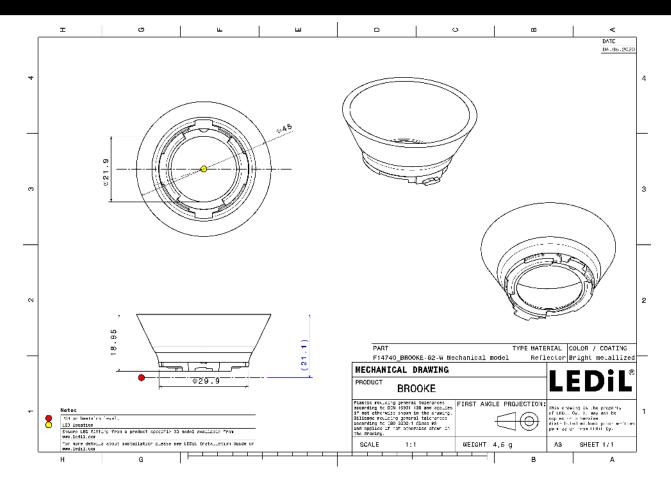
Component

F14740\_BROOKE-G2-W

» Box size: 480 x 280 x 300 mm

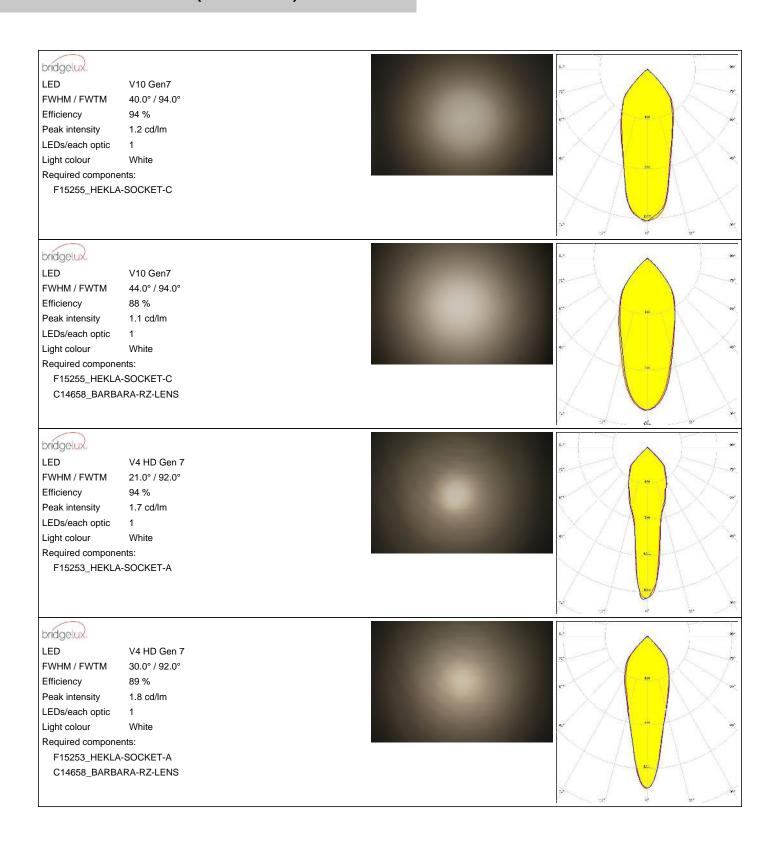
**Qty in box MOQ MPQ Box weight (kg)**720 45 45 5.2

# PRODUCT DATASHEET F14740\_BROOKE-G2-W

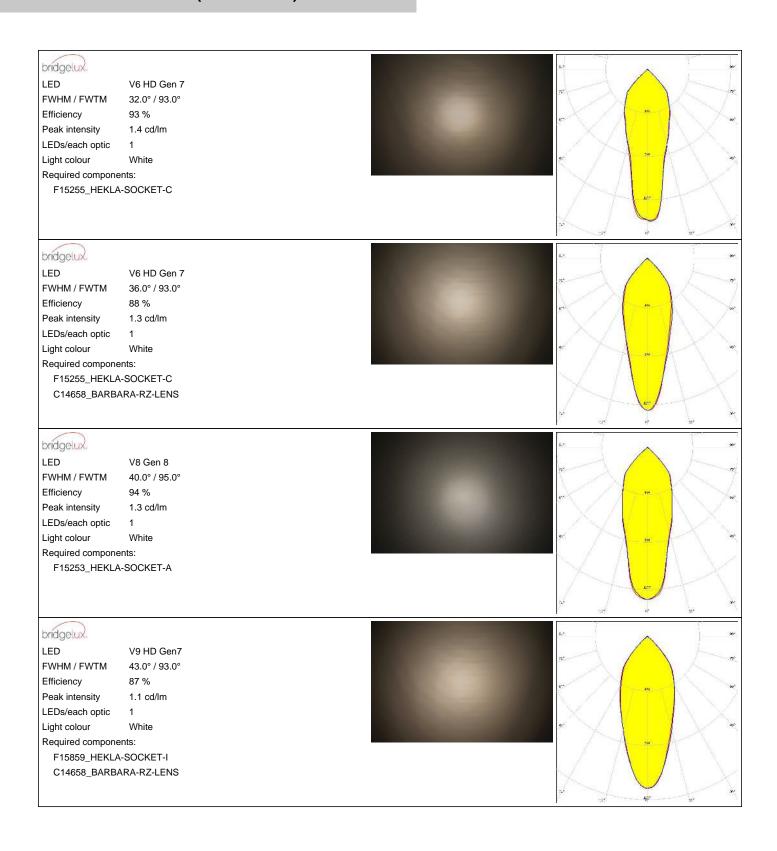


See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

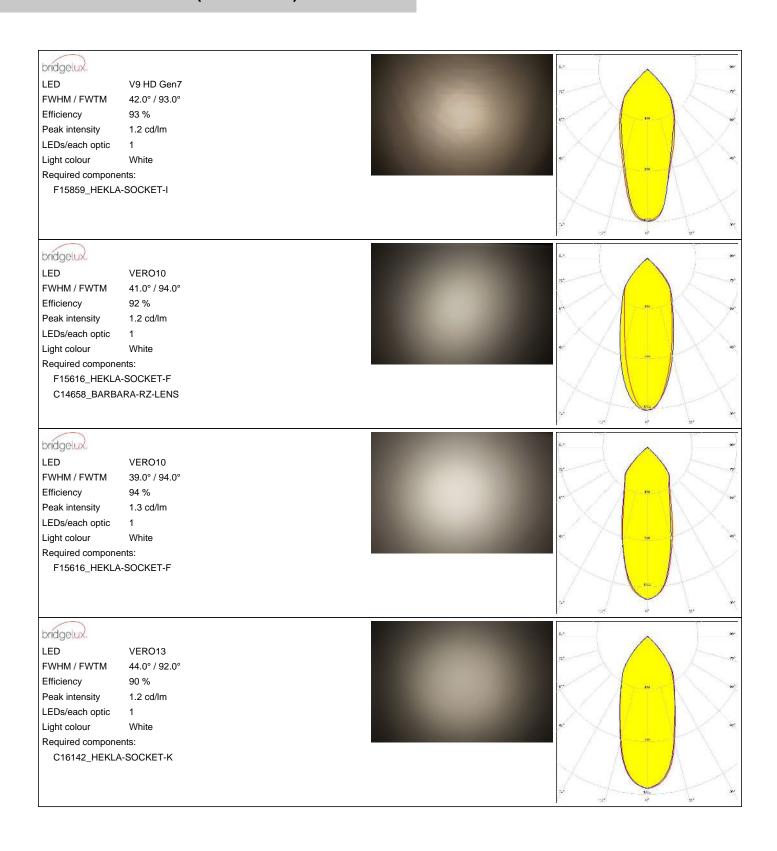




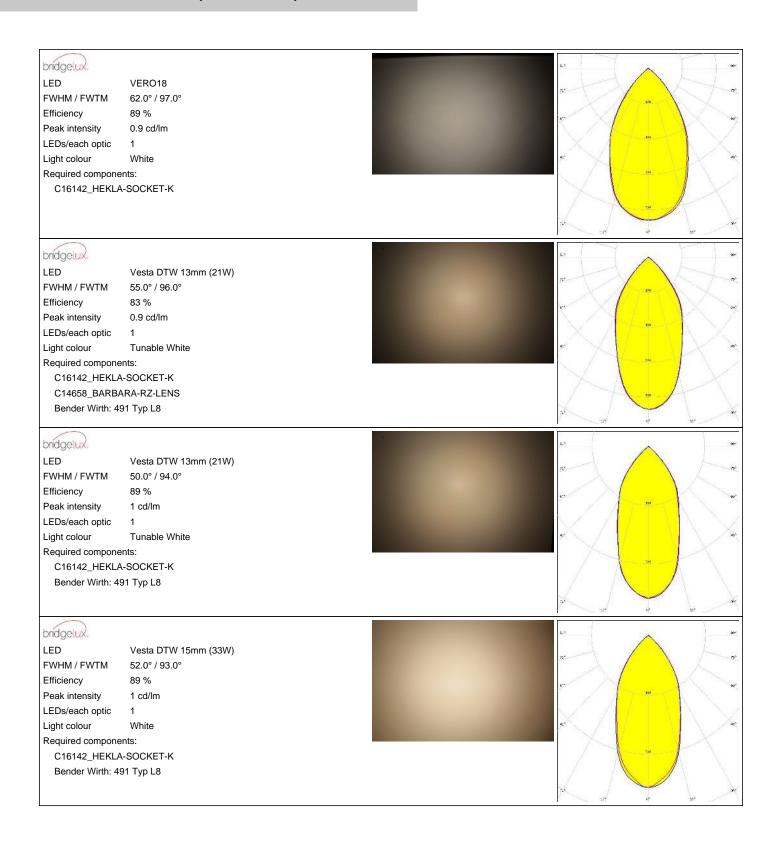




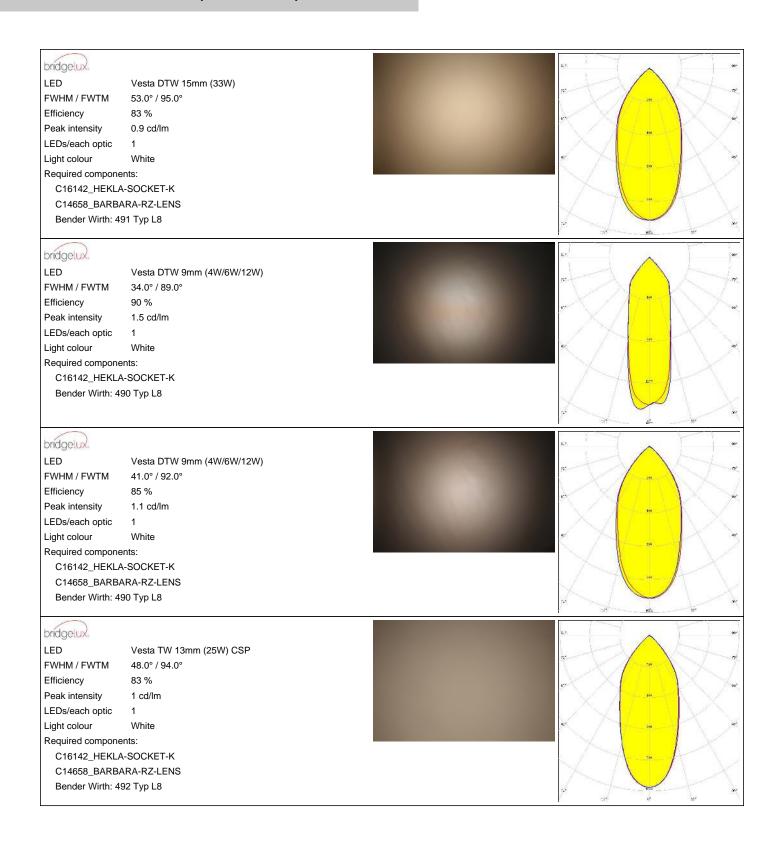




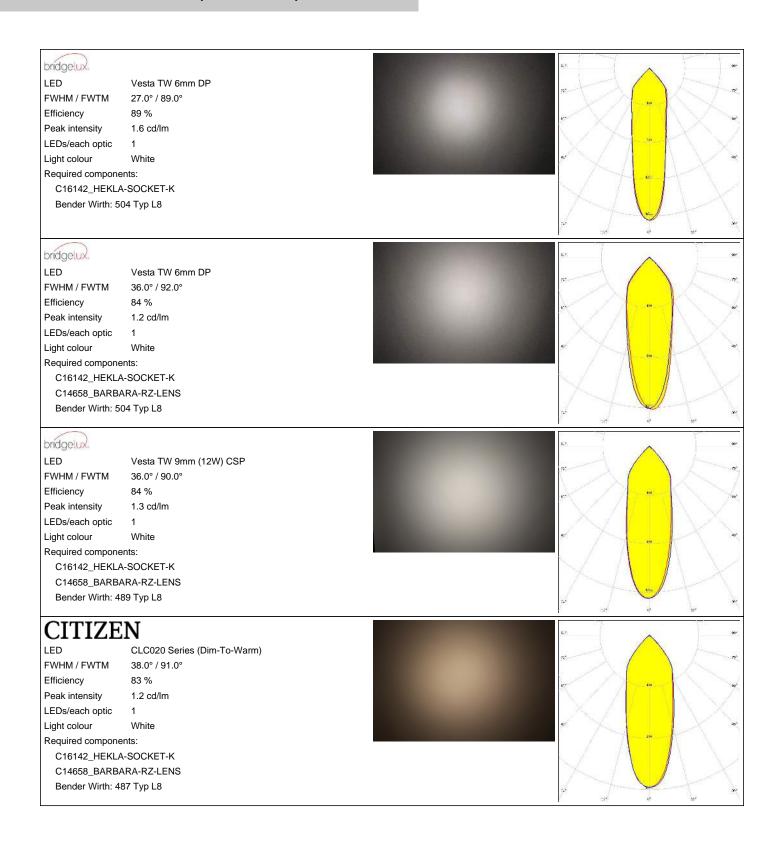




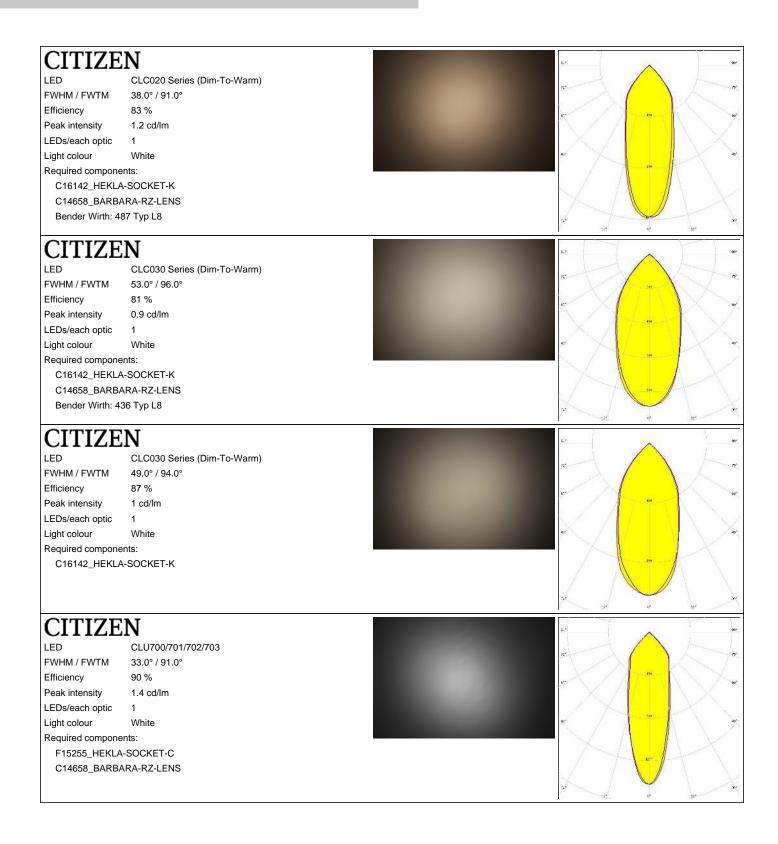






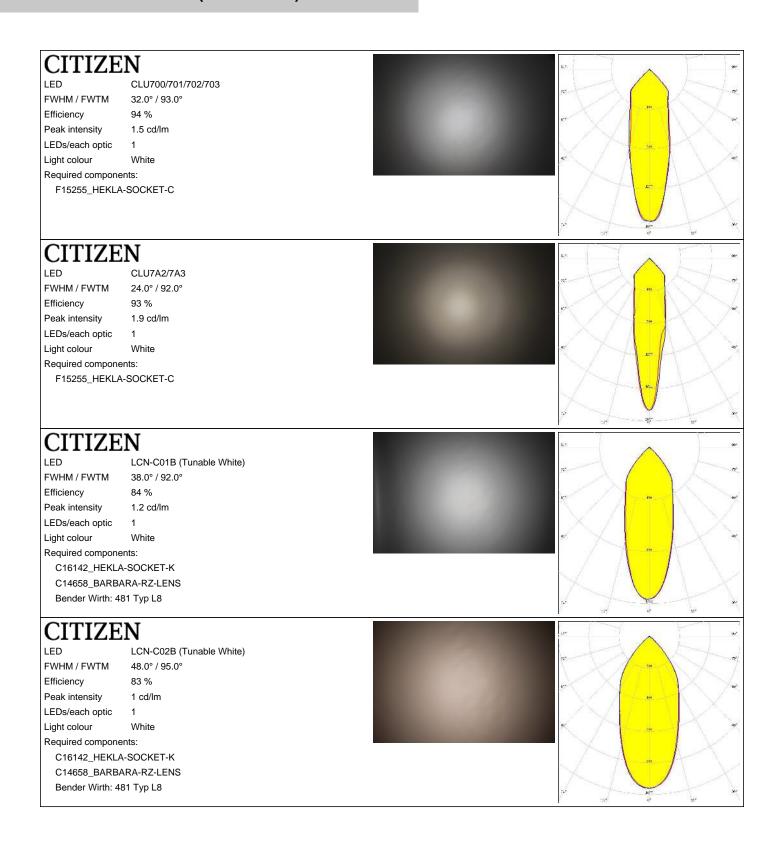




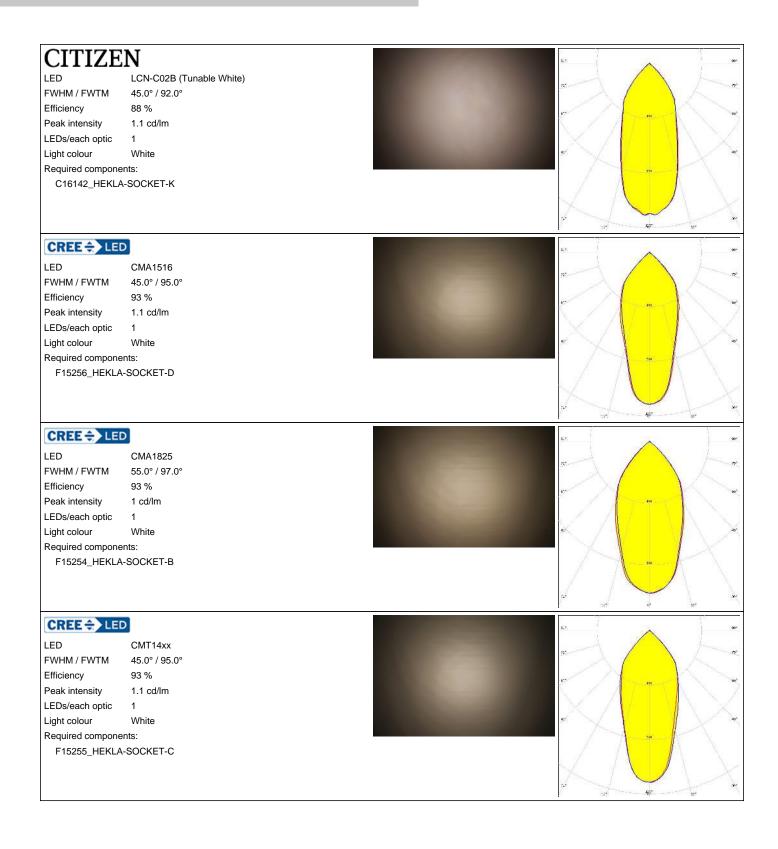


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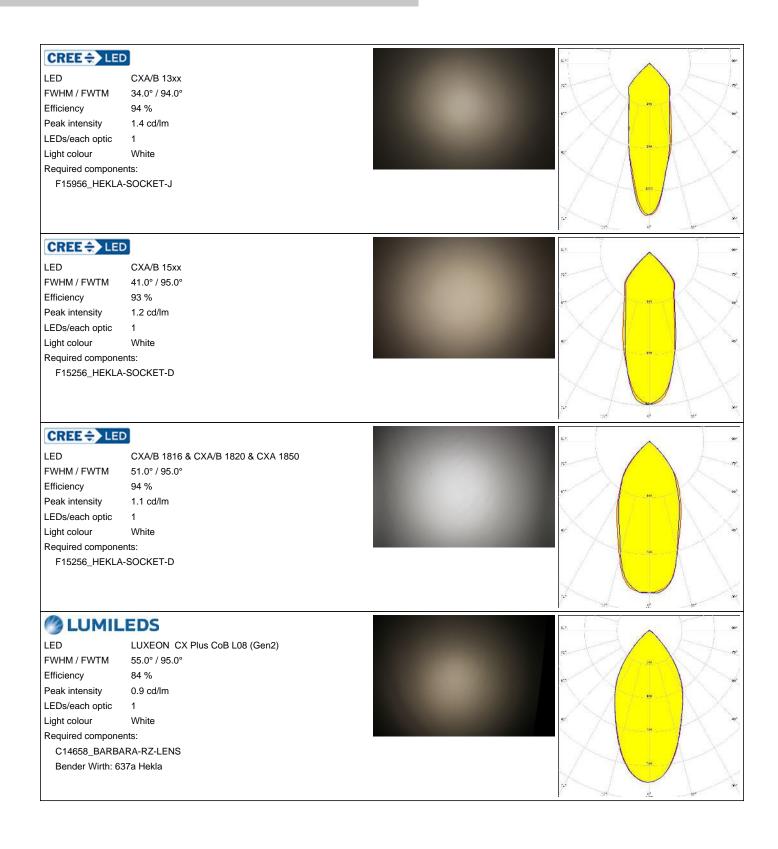




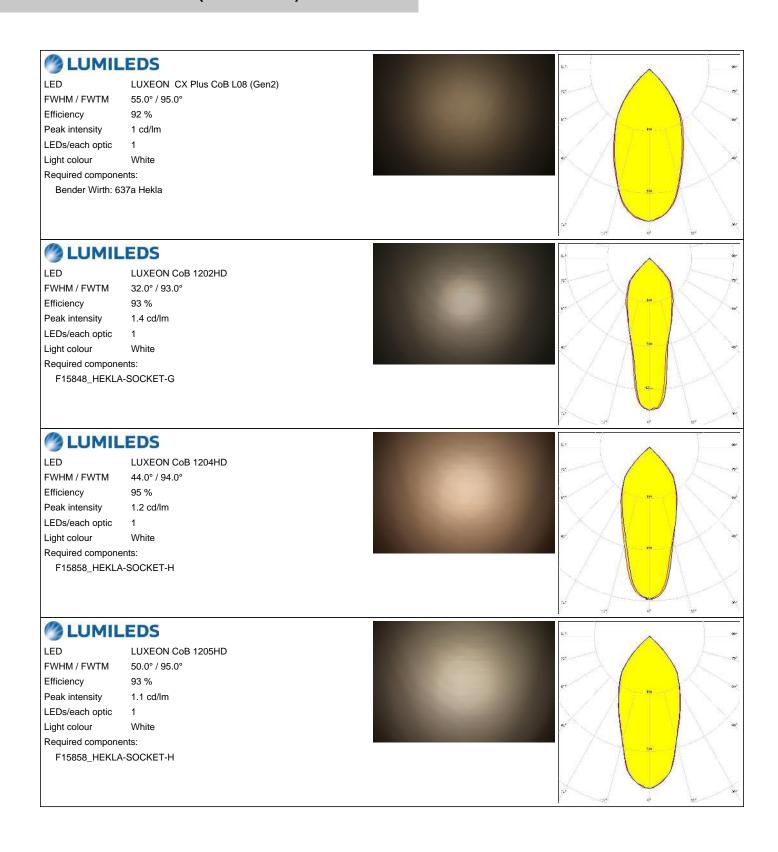




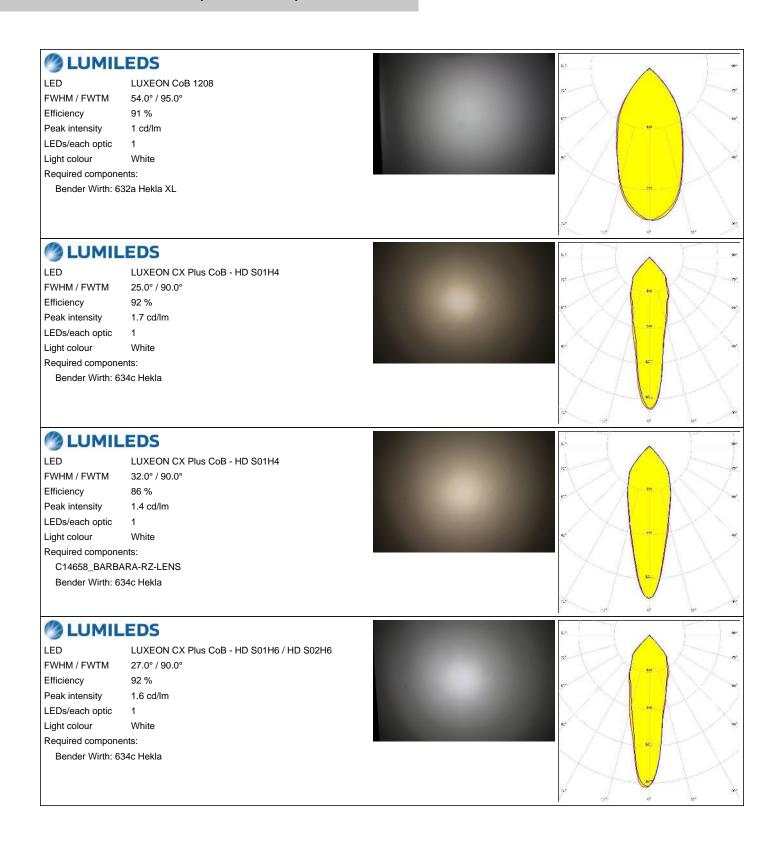




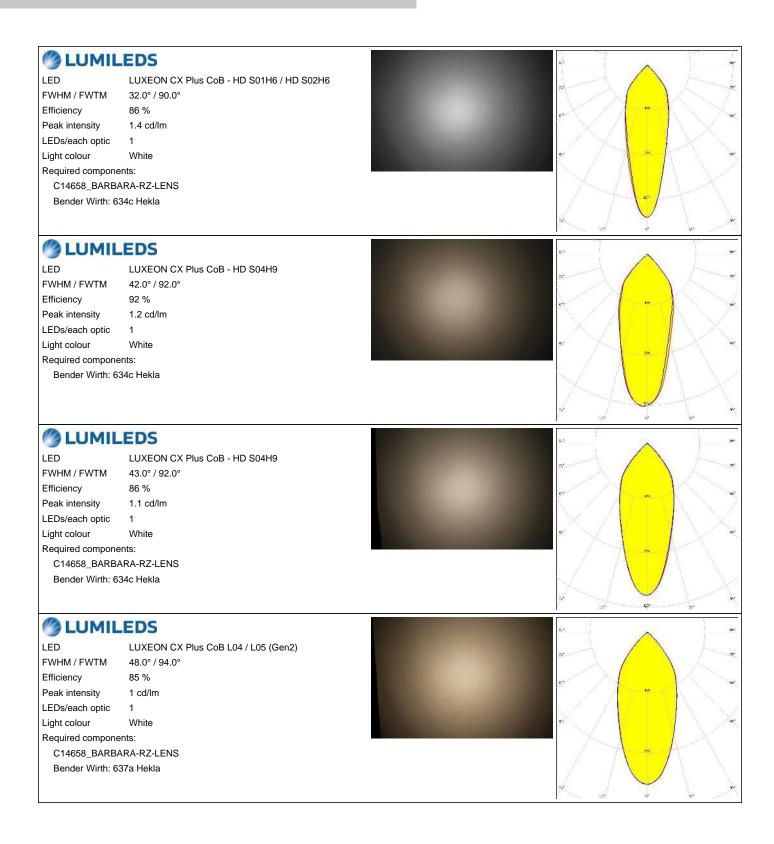




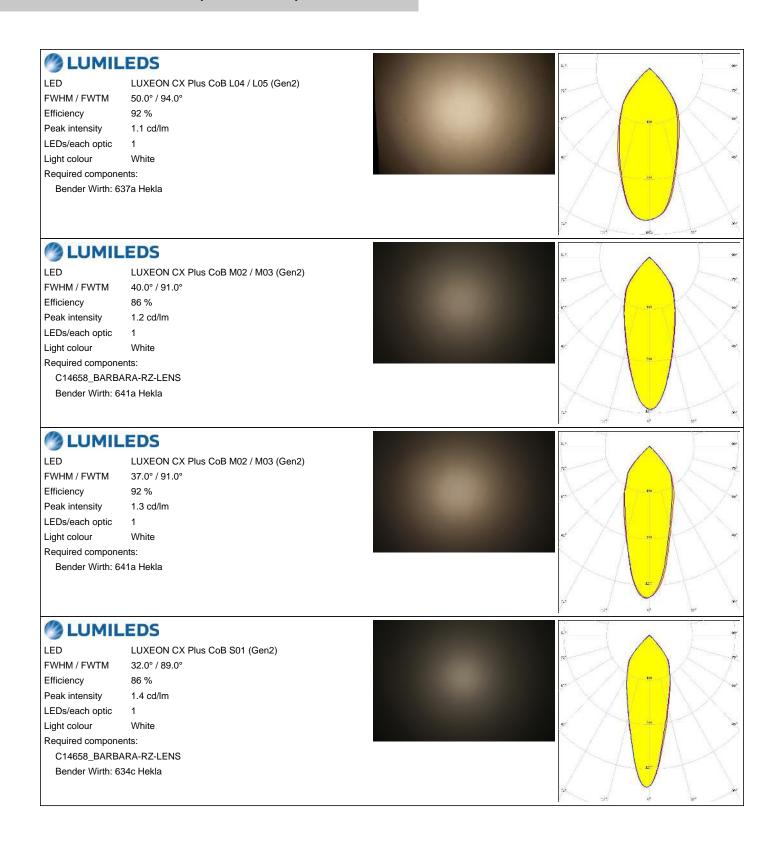




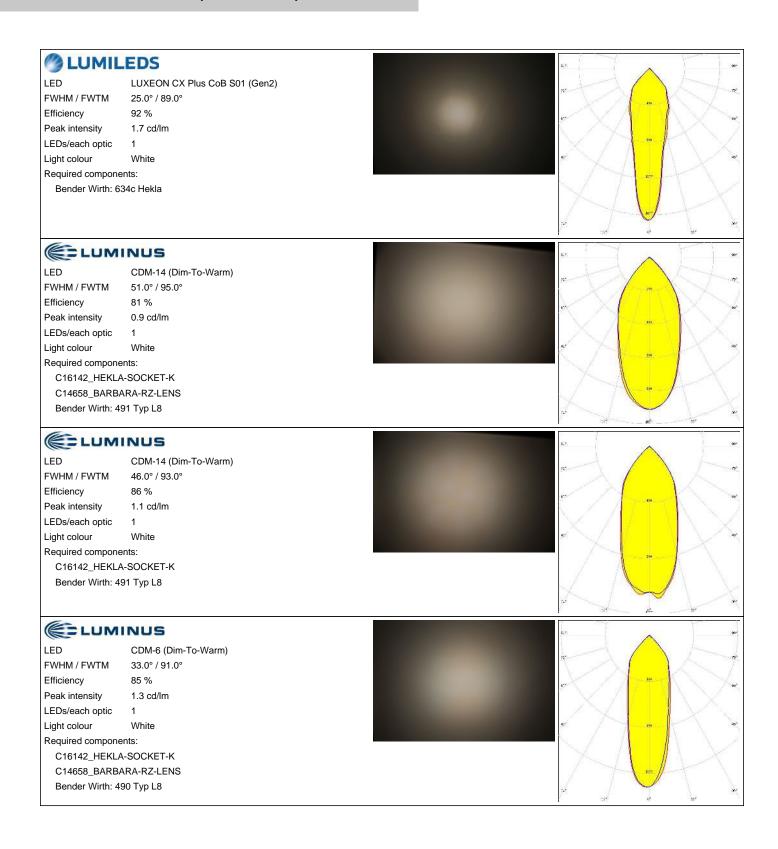




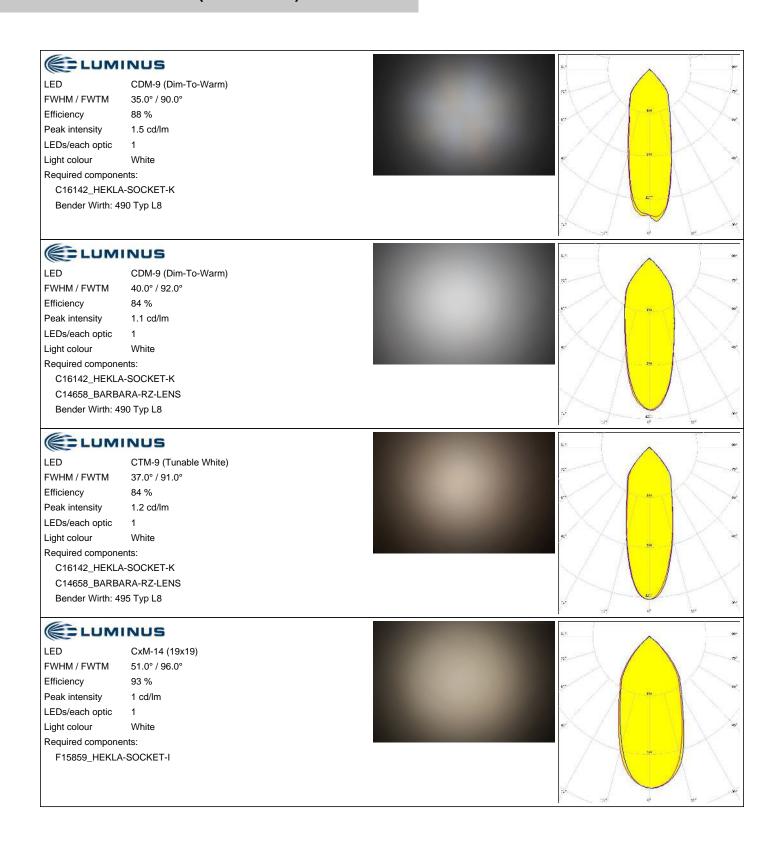




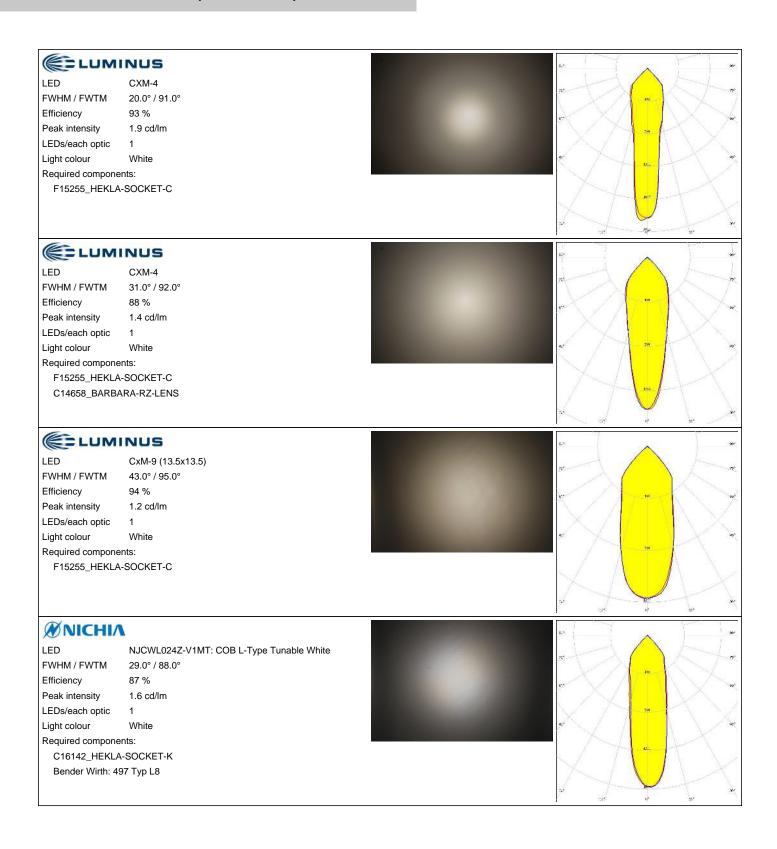




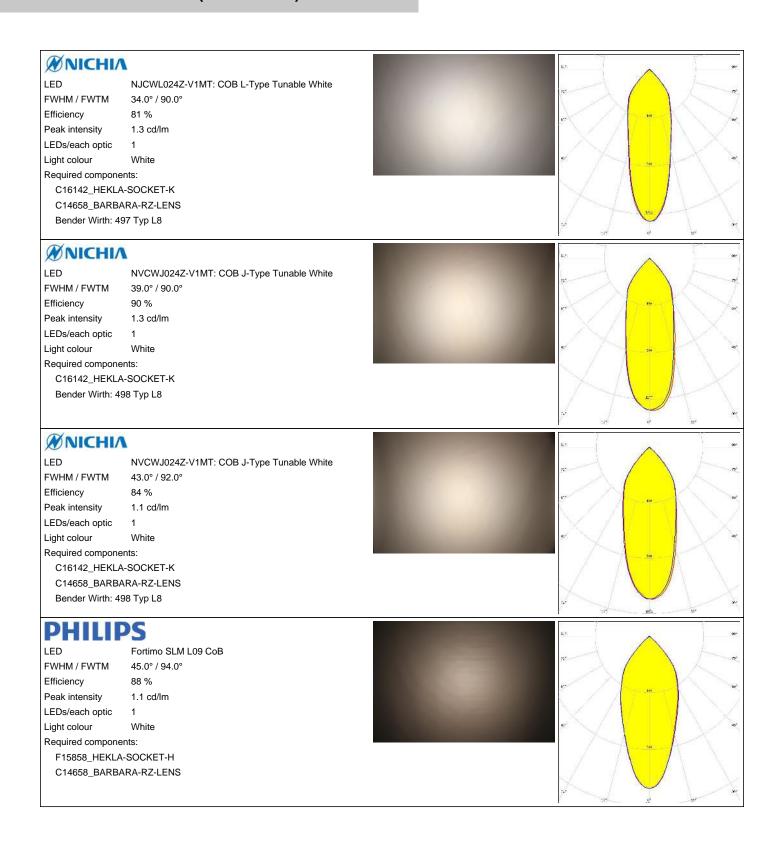














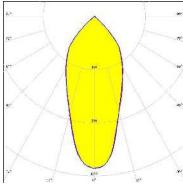
#### PHILIPS

LED Fortimo SLM L09 CoB

FWHM / FWTM 45.0° / 95.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F15858\_HEKLA-SOCKET-H





#### PHILIPS

LED Fortimo SLM L13 CoB

FWHM / FWTM 53.0° / 95.0°

Efficiency 84 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components: C16142\_HEKLA-SOCKET-K C14658\_BARBARA-RZ-LENS

Bender Wirth: 432 Typ L8



#### PHILIPS

LED Fortimo SLM L13 CoB

FWHM / FWTM 51.0° / 93.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C16142\_HEKLA-SOCKET-K Bender Wirth: 432 Typ L8

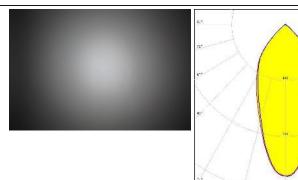


# SAMSUNG

LED LC003D / LC006D / LC009D / LC013D

FWHM / FWTM 44.0° / 94.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F15255\_HEKLA-SOCKET-C C14658\_BARBARA-RZ-LENS





# SAMSUNG

LED LC003D / LC006D / LC009D / LC013D

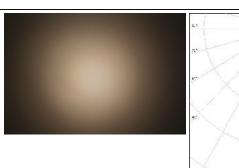
FWHM / FWTM 43.0° / 94.0°
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

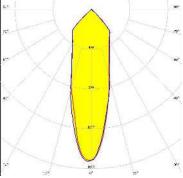
F15255\_HEKLA-SOCKET-C

#### SAMSUNG

LED LC010C G2
FWHM / FWTM 31.0° / 92.0°
Efficiency 92 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

Required components: F15255\_HEKLA-SOCKET-C





# SAMSUNG

LED LC010T (Tunable White)

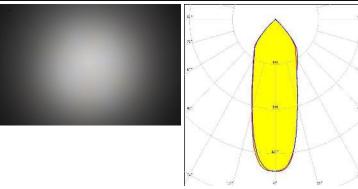
FWHM / FWTM 37.0° / 90.0°
Efficiency 90 %
Peak intensity 1.4 cd/lm

LEDs/each optic 1

Light colour Tunable White

Required components:

C16142\_HEKLA-SOCKET-K Bender Wirth: 501 Typ L8



# SAMSUNG

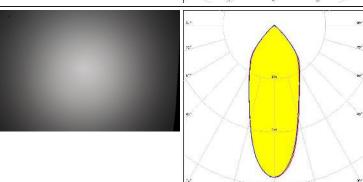
LED LC010T (Tunable White)

FWHM / FWTM 40.0° / 92.0°
Efficiency 85 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1

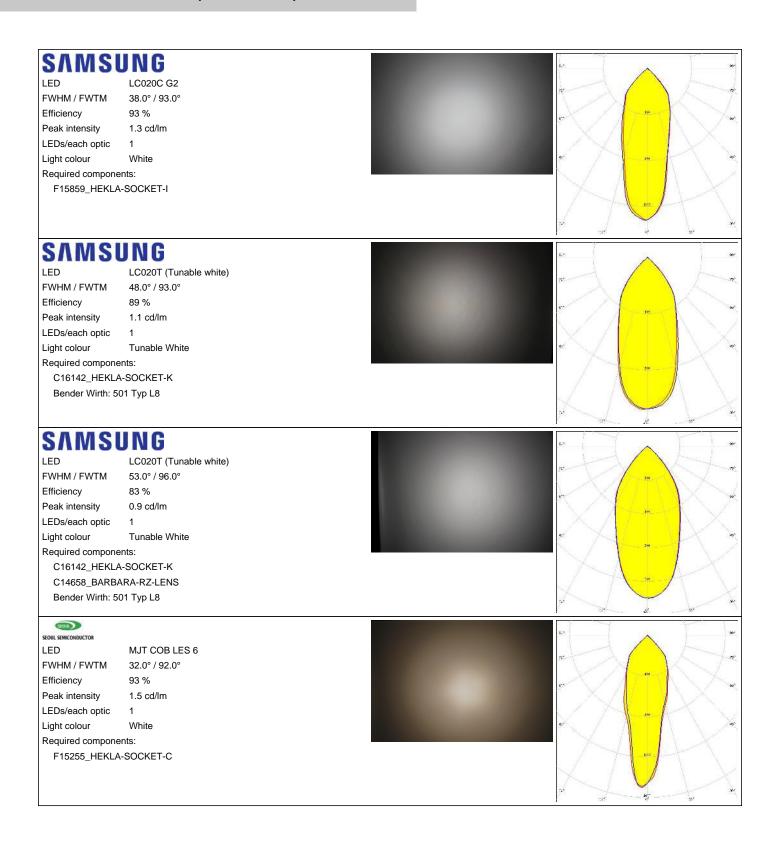
Light colour Tunable White

Required components:

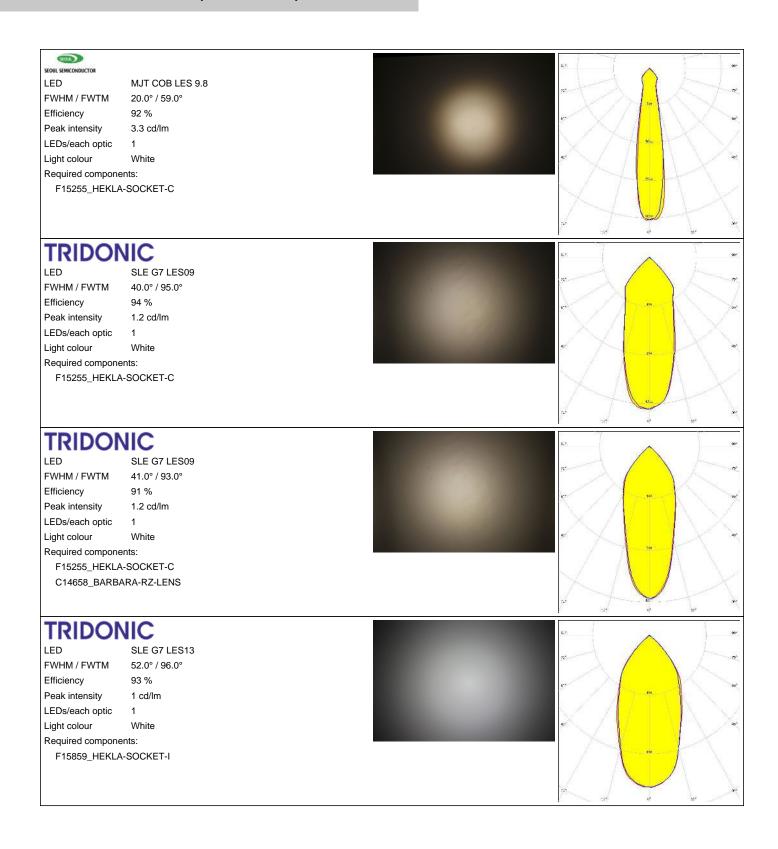
C16142\_HEKLA-SOCKET-K C14658\_BARBARA-RZ-LENS Bender Wirth: 501 Typ L8



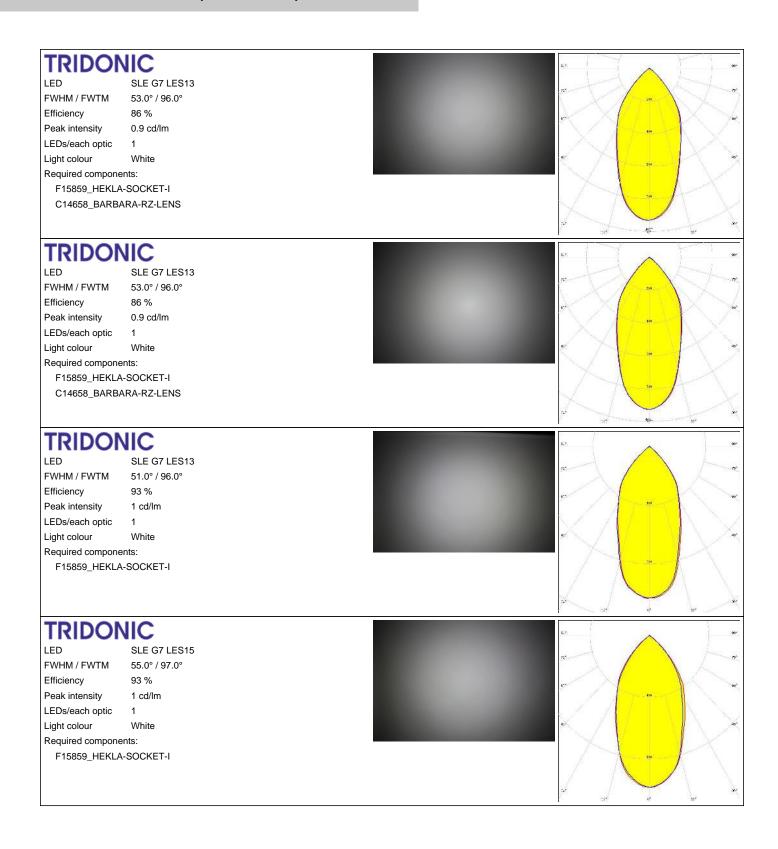




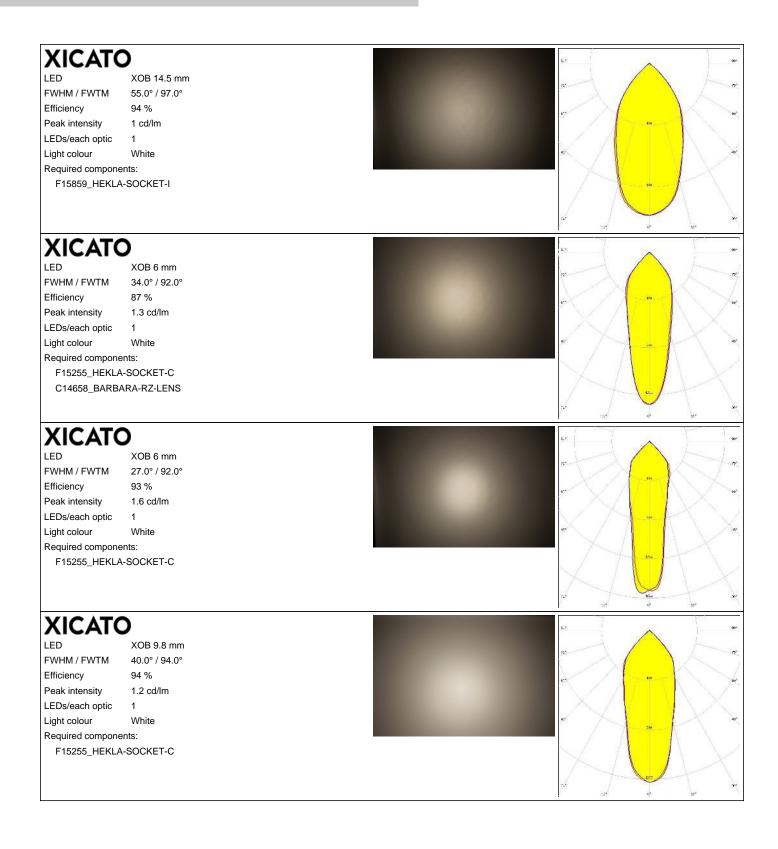




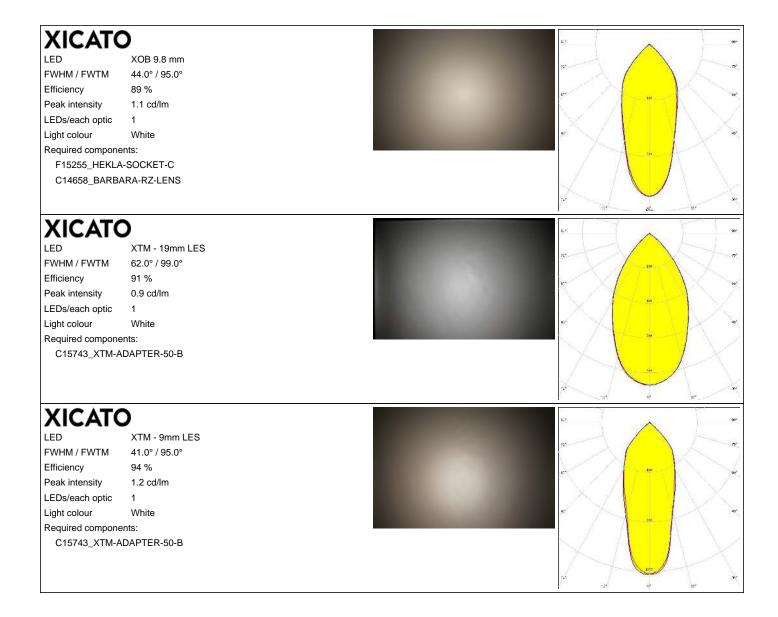
















LED V13 Gen6
FWHM / FWTM 44.0° / 90.0°
Efficiency 91 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F14988\_HEKLA-SOCKET-E

20 Min - W

#### bridgelux

LED V8 Gen6
FWHM / FWTM 42.5°
Efficiency 0 %
LEDs/each optic 1
Light colour White
Required components:
F15253\_HEKLA-SOCKET-A

#### bridgelux

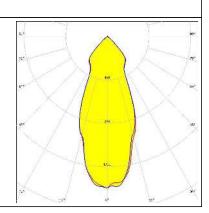
LED V8 Gen6
FWHM / FWTM 42.5°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

F15253\_HEKLA-SOCKET-A

## bridgelux.

LED V8 Gen7
FWHM / FWTM 42.0° / 92.0°
Efficiency 92 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F15253\_HEKLA-SOCKET-A





# **CITIZEN**

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 45.0°
Efficiency 0 %
LEDs/each optic 1
Light colour White
Required components:

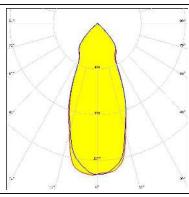
F15255\_HEKLA-SOCKET-C

# **CITIZEN**

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 43.0° / 91.0°
Efficiency 92 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F15255\_HEKLA-SOCKET-C



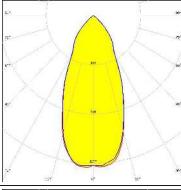
# **CITIZEN**

LED CLL03x/CLU03x FWHM / FWTM 47.0° / 92.0°

Efficiency 92 % Peak intensity 1.3 cd/lm

LEDs/each optic 1
Light colour White
Required components:

F17438\_HEKLA-G2-I



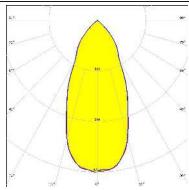
# **CITIZEN**

LED CLL03x/CLU03x FWHM / FWTM 47.0° / 92.0°

Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

F15859\_HEKLA-SOCKET-I

Required components:







LED CXA/B 1816 & CXA/B 1820 & CXA 1850

FWHM / FWTM 46.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

F15254\_HEKLA-SOCKET-B

#### CREE - LED

LED CXA/B 1816 & CXA/B 1820 & CXA 1850

FWHM / FWTM 46.0°
Efficiency 0 %
LEDs/each optic 1
Light colour White
Required components:

F15254\_HEKLA-SOCKET-B

## **ELUMINUS**

 LED
 CxM-6 (13.5x13.5)

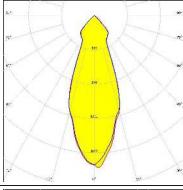
 FWHM / FWTM
 38.0° / 88.0°

 Efficiency
 93 %

Peak intensity 1.8 cd/lm LEDs/each optic 1

Light colour White

Required components: F17435\_HEKLA-G2-C



#### **WNICHIA**

LED COB L-Type (LES 11)

FWHM / FWTM 48.0° / 92.0°

Efficiency 93 %

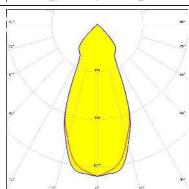
Peak intensity 1.2 cd/lm

LEDs/each optic 1

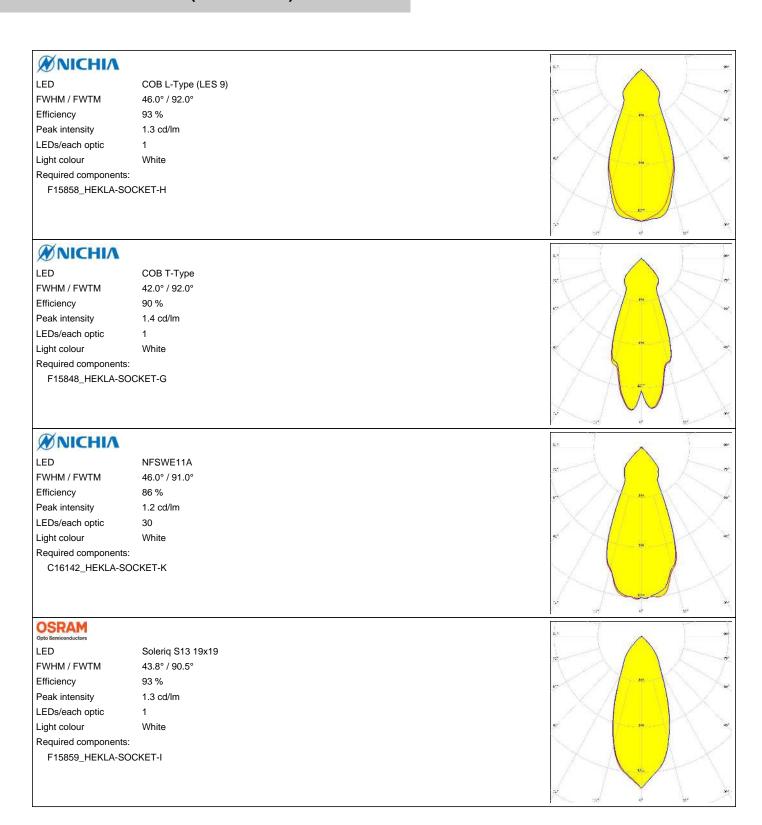
Light colour White

Required components:

F15858\_HEKLA-SOCKET-H







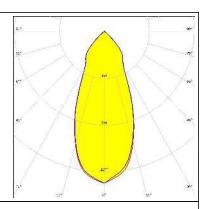


#### OSRAM Opto Semiconductors

LED Soleriq S9
FWHM / FWTM 44.3° / 92.1°
Efficiency 93 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F15255\_HEKLA-SOCKET-C



# SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 49.5° / 92.4°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F15859\_HEKLA-SOCKET-I



Light colour

 LED
 MJT COB LES 14.5

 FWHM / FWTM
 48.0° / 92.0°

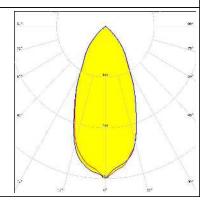
 Efficiency
 93 %

White

Peak intensity 1.2 cd/lm LEDs/each optic 1

Required components:

F15859\_HEKLA-SOCKET-I





# PRODUCT DATASHEET F14740\_BROOKE-G2-W

#### **GENERAL INFORMATION:**

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

#### **MATERIALS:**

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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# Local sales and technical support

www.ledil.com/ where\_to\_buy

#### **Shipping locations**

Salo, Finland Hong Kong, China

#### **Distribution Partners**

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